



1 Claim 6. A processor fault handler as claimed in Claim 5 in which the  
 2 means for determining whether a fault is a first level fault includes  
 3 storage media for holding an indication that a processor is handling a  
 4 fault, and means for detecting the condition of the storage media.

1 Claim 7. A processor fault handler as claimed in Claim 5 in which the  
 2 storage media is a processor register.

1 Claim 8. A processor fault handler as claimed in Claim 5 in which the  
 2 means for detecting the condition of the storage media includes software  
 3 running on the processor.

1 Claim 9. A processor fault handler as claimed in Claim 5 in which the  
 2 means for responding to a determination of a nested fault by saving an  
 3 additional amount of state before handling the fault includes fault  
 4 handling registers in addition to a first set of fault handling registers.